

PROJECT DESCRIPTION  
GENERAL

THIS PROJECT INVOLVES RECONSTRUCTION OF EXISTING TRAFFIC SIGNALS AT THE INTERSECTION OF MD 124 (WOODFIELD ROAD) AT FIELDCREST ROAD/HADLEY FARMS DRIVE IN MONTGOMERY COUNTY. MD 124 IS ASSUMED TO RUN IN A NORTH SOUTH DIRECTION.

INTERSECTION OPERATION

THE INTERSECTION WILL OPERATE IN A SEMI-ACTUATED MODE USING FOUR NEMA PHASES. AN EXCLUSIVE LEFT TURN PHASE WILL BE PROVIDED FOR WESTBOUND FIELDCREST ROAD.

PEDESTRIAN OPERATION

NAVIGATOR AUDIBLE PEDESTRIAN PUSHBUTTON MOVEMENTS TO CROSS THE WEST AND SOUTH LEGS OF THE INTERSECTION ARE TO BE PROVIDED. WHEN THE PEDESTRIAN LOCATES AND PRESSES THE PUSH BUTTON FOR AN EXTENDED TIME, THE PUSHBUTTON UNIT WILL ANNOUNCE THE FOLLOWING MESSAGE:  
WEST: "WAIT TO CROSS HADLEY FARMS AT WOODFIELD."  
SOUTH: "WAIT TO CROSS WOODFIELD AT HADLEY FARMS/FIELDCREST."

SPECIAL NOTES

1. THE FOLLOWING CONTACT PERSONS FOR THIS PROJECT ARE AS FOLLOWS:

PROJECT CONTACTS:

MR. JEFFREY WENTZ, ASSISTANT DISTRICT ENGINEER - TRAFFIC  
PHONE: (301) 513-7358  
MR. DUANE BERNDARD, ASSISTANT DISTRICT ENGINEER - CONSTRUCTION  
PHONE: (301) 513-7336  
MR. WAYNE A. MOWDY, ASSISTANT DISTRICT ENGINEER - MAINTENANCE  
PHONE: (301) 513-7304  
MR. AUGIE REBISH, UTILITY ENGINEER  
PHONE: (301) 513-7350  
MR. ROBERT SNYDER, SR. CHIEF TRAFFIC OPERATIONS DIVISION  
PHONE: (410) 787-7630

MR. KAMAL HAMUD  
MONTGOMERY COUNTY  
240-777-8761

MR. STEVE CUSTER  
PEPCO CUSTOMER DESIGN  
201 W. GUIDE DR.  
ROCKVILLE, MD 20850  
PHONE: (301) 548-4333

2. MAINTENANCE OF TRAFFIC WILL BE HANDLED BY THE CONTRACTOR UTILIZING THE FOLLOWING STANDARD PLATES FOR TRAFFIC CONTROL: 104.00 - 30, 104.12 - 01, 104.13 - 01, 104.31 - 01, 104.32 - 01, 104.81 - 02

EQUIPMENT LIST

A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION.

CATEGORY	DESCRIPTION	UNITS	QUANTITY
CODE NO.	NONE		

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR.

CATEGORY	DESCRIPTION	UNITS	QUANTITY
CODE NO.	MAINTENANCE OF TRAFFIC	LS	1
585452	24 INCH WHITE PERMANENT PREFORMED PAVEMENT MARKINGS	LF	75
800000	RELOCATE VIDEO DETECTION CAMERA	EA	3
813006	RELOCATE OVERHEAD SIGN	EA	5
860265	RELOCATE EXISTING SIGNAL HEAD	EA	9

WIRING DIAGRAM

SAME AS PREVIOUS PHASE

PHASE CHART

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
(R)	(R)	(R)	(R)	(R)	(R)	(R)	(R)	(R)	(R)	(R)	(R)	(R)	(R)	(R)
(Y)	(Y)	(Y)	(Y)	(Y)	(Y)	(Y)	(Y)	(Y)	(Y)	(Y)	(Y)	(Y)	(Y)	(Y)
(G)	(G)	(G)	(G)	(G)	(G)	(G)	(G)	(G)	(G)	(G)	(G)	(G)	(G)	(G)

PHASE 2 AND 6	G	G	G	G	R	R	R	R	R	R	WK	WK	DW	DW	
PED CLEARENCE	G	G	G	G	R	R	R	R	R	R	FL/DW	FL/DW	DW	DW	
PHASE 2 AND 6 CHANGE	Y	Y	Y	Y	R	R	R	R	R	R	DW	DW	DW	DW	
PHASE 3 AND 8	R	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW	
PHASE 3 CHANGE	R	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW	
PHASE 4 AND 8	R	R	R	R	G	G	G	G	G	G	DW	DW	DW	DW	
PHASE 4 AND 8 CHANGE	R	R	R	R	Y	Y	Y	Y	Y	Y	DW	DW	DW	DW	
PHASE 4 AND 8 ALT	R	R	R	R	G	G	G	G	G	G	DW	DW	WK	WK	
PED CLEARENCE	R	R	R	R	G	G	G	G	G	G	DW	DW	FL/DW	FL/DW	
PHASE 4 AND 8 ALT CHANGE	R	R	R	R	Y	Y	Y	Y	Y	Y	DW	DW	DW	DW	
FLASHING OPERATION	FLY	FLY	FLY	FLY	FLR	FLR	FLR	FLR	FLR	FLR	DARK	DARK	DARK	DARK	



**SHA** STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION  
MD 124 (WOODFIELD RD) AND FIELDCREST RD /HADLEY FARMS DRIVE  
STAGE III

GENERAL INFORMATION SHEET

SCALE 1" = 20' DATE N/A CONTRACT NO. M06325171

DESIGNED BY AH COUNTY MONTGOMERY  
DRAWN BY AF LOGMILE 15012408.87  
CHECKED BY JFL TMS NO. H079  
FAP NO. AC-STP-1103(8)E TOD NO.

TS NO. 3976-C DRAWING SP-32 OF 39 SHEET NO. 290 OF 377